

IN THE CLAIMS:

1 1. (Cancelled)

1 2. (Cancelled)

1 3. (Cancelled)

1 4. (Cancelled)

1 5. (Cancelled)

1 6. (Cancelled)

1 7. (Currently Amended) A pipeline pig that is moved through the interior of a
2 pipeline by the flow of pressurized gas and that provides for improved distribution
3 of treating liquid subsisting in the lower portion of the pipeline, comprising;

4 a longitudinal pig body having a nose cone at a forward end thereof and
5 ~~rearward-ends~~ end;

6 centralizers affixed to said pig body by which it is supported in the
7 pipeline and moved by gas flow through the pipeline;

8 a bypass passageway within said ~~pig body~~ nose cone communicating with
9 the pipeline interior;

10 a siphon passageway having a portion thereof within said nose cone and
11 having an inlet end communicating substantially exclusively with a lower portion

12 of the pipeline interior and thereby with any liquid subsisting therein and having
13 an outlet end; and

14 a venturi ~~supported by said pig body in said nose cone and in~~
15 communication with said siphon passageway and said bypass passageway, gas
16 flowing through said bypass passageway serving to draw liquid subsisting in said
17 lower portion of the pipeline through said siphon passageway whereby the liquid
18 is discharged from said siphon passageway outlet end onto interior surfaces of the
19 pipeline.

1 8. (Previously Presented) A pipeline pig according to Claim 7 wherein said pig is
2 asymmetrically weighted to provide a pig upper portion and a pig lower portion
3 and wherein said siphon passageway outlet end is upwardly inclined whereby said
4 liquid is discharged onto upper interior surfaces of the pipeline.

1 9. (Previously Presented) A pipeline pig according to Claim 7 wherein said bypass
2 passageway is connected between a rearward portion of said pig and said venturi.

1 10. (Previously Presented) A pipeline pig according to Claim 9 wherein said bypass
2 passageway has an inlet end a said rearward portion of said pig and wherein the
3 bypass passageway inlet end communicates with a lower interior portion of the
4 pipeline.

- 1 11. (Previously Presented) A pipeline pig according to Claim 7 including:
2 a reservoir carried by said pig body and in communication with said
3 siphon passageway, liquid stored therein being distributed onto interior surfaces
4 of the pipeline.
- 1 12. (Previously Presented) A pipeline pig according to Claim 7 wherein said bypass
2 passageway has an inlet end positioned adjacent a lower interior portion of the
3 pipeline whereby liquid in the pipeline is, at least part of the time, taken into said
4 pig body and distributed onto interior surfaces of the pipeline.
- 1 13. (Previously Presented) A pipeline pig according to Claim 7 wherein said pig
2 body is asymmetrically weighted to help insure that said siphon passageway
3 communicates substantially exclusively with a lower portion of the pipeline
4 interior.
- 1 14. (Currently Amended) A pipeline pig that is moved through the interior of a
2 pipeline by the flow of pressurized gas and that provides for improved distribution
3 of treating liquid subsisting in the lower portion of the pipeline, comprising:
4 a longitudinal pig body having a nose cone at a forward end thereof and a
5 rearward-ends end;
6 centralizers affixed to said pig body by which it is supported in the
7 pipeline and moved by gas flow through the pipeline;

8 a bypass passageway within said ~~pig body~~ nose cone communicating with
9 the pipeline interior;

10 a siphon passageway having a portion thereof with said nose cone and
11 communicating substantially exclusively with a lower portion of the pipeline
12 interior and thereby with any liquid subsisting therein;

13 a venturi ~~supported by said pig body~~ in said nose cone and in
14 communication with said siphon passageway and said bypass passageway, gas
15 flowing through said bypass passageway serving to draw liquid subsisting in said
16 lower portion of the pipeline through said siphon passageway whereby the liquid
17 is moved for distribution onto interior surfaces of the pipeline; and

18 a reservoir carried by said pig body and in communication with said
19 siphon passageway, liquid stored therein being distributed onto interior surfaces
20 of the pipeline.

1 15. (Previously Presented) A pipeline pig according to Claim 14 wherein said pig
2 body is an elongated tubular member, the interior of which forms said reservoir.

1 16. (Previously Presented) A pipeline pig according to Claim 14 including a nose
2 cone affixed to a forward end of said pig body, the nose cone having said
3 reservoir therein.

1 17. (Cancelled)

1 18. (Cancelled)

1 19. (Currently Amended) A pipeline pig according to Claim 15 wherein said interior
2 of said tubular member forms a said first reservoir and including ~~a nose cone~~
3 ~~affixed to a forward end of said tubular member having a second reservoir therein,~~
4 within said nose cone, the first and second reservoirs having communication
5 therebetween and with said bypass passageway.

1 20. (New) A pipeline pig according to Claim 7 wherein said nose cone is formed of
2 non-metallic material.

1 21. (New) A pipeline pig according to Claim 14 wherein said nose cone is formed of
2 non-metallic material.